

20000312.qrp v01_n758.qrl.20000312

Date: Sun, 12 Mar 2000 19:03:11 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1758

QRP-L Digest 1758

Topics covered in this issue include:

- 1) [65512] TNX to SOCs
by "Dick Schneider" <dschneider2@uswest.net>
- 2) [65513] Atlanticon 2000 reconnoitering.
by "George Heron N2APB" <n2apb@erols.com>
- 3) [65514] TT30: Was Re: XTALS, PCB stock needed.
by "Rod, N0RC" <n0rc@qsl.net>
- 4) [65515] OP: WZ2T SOC Sprint
by Richard Sherman <srichard@aldus.northnet.org>
- 5) [65516] KIT:Suggestion to Makers
by REDSBOY@aol.com
- 6) [65517] 3 element 40 mtr Wire/Rope yagi
by hamjoel@juno.com
- 7) [65518] QRP Vendors at Atlanticon
by "George Heron N2APB" <n2apb@erols.com>
- 8) [65519] Argonaut II vs. K2
by "Dave Benham" <dodgeboy@mindspring.com>
- 9) [65520] Re: HEATH HWx, subs for meters
by Dick Carroll <dixie@townsqsr.com>
- 10) [65521] First SOC Contest
by K5KW@aol.com
- 11) [65522] Re: HELP
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 12) [65523] TNX to SOCs
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 13) [65524] HEATH INFO
by ARDUJENSKI@aol.com
- 14) [65525] QRP Computer log !
by Rick McKee <kc8aon@juno.com>
- 15) [65526] Thanks for the SW-40+ Help
by KF4YYD@aol.com
- 16) [65527] RS htx-10
by "ronald" <ronald@crl.com>
- 17) [65528] OT: rubber belts source please
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 18) [65529] Re: OT: rubber belts source please
by gsurrency@juno.com
- 19) [65530]

- by n5ib@juno.com
- 20) [65531] Re: OT: rubber belts source please
by "John A. Evans - N0HJ" <jaevans@codenet.net>
 - 21) [65532] AEA/Tempo CIA-HF
by Gardner / Maguire <BethDan@pacbell.net>
 - 22) [65533] MFJ CUB(15), New Loop, Missed SOC
by tom whalen <wb5qyt@eFortress.com>
 - 23) [65534] Clarification
by K5KW@aol.com
 - 24) [65535] CONTEST: SOC Marathon Sprint
by n5ib@juno.com
 - 25) [65536] Re: Spider Junior
by "Carlos J. Caro" <cjcaro@nail.com>
 - 26) [65537] Books
by "A. E. Lake" <RadKit@compuserve.com>
 - 27) [65538] Re: OP: WZ2T SOC Sprint
by Bob Patten <n4bp@bc.seflin.org>
 - 28) [65539] Re: Antennas--right angles
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 - 29) [65540] TT2 Transistor Substitutions
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 30) [65541] WTB:Brown Bros Paddles
by "Steve/n0tu" <n0tu@webaccess.net>
 - 31) [65542] Re: WTB:Brown Bros Paddles
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
 - 32) [65543] OT: Another Drake xmtr question
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 33) [65544] A couple of new items
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 - 34) [65545] You QRP Companion ..?
by "Andy GM0NWI" <Gm0nwi@tesco.net>
 - 35) [65546] Re: Another Drake xmtr question
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 36) [65547] Re: ARRL TIS pages - Antennas
by "Dan W. Dooley" <dandooley@pipeline.com>
 - 37) [65548] unsubscribe
by Thomas Griffith <tgriff90@colla.com>
 - 38) [65549] ATTN: BRUCE W6TOY
by tom whalen <wb5qyt@eFortress.com>
 - 39) [65550] Foreign Currency Needed
by WA6GER@aol.com
 - 40) [65551] Re: OP: SOC Sprint
by Monte Stark <ku7y@dri.edu>
 - 41) [65552] Re: TT2 Transistor Substitutions
by "Bob Tellefsen" <n6wg@earthlink.net>
 - 42) [65553] Re: [CLUBS] West FL QRP - Did I get the wrong day?!?!?
by "Richard K. Evans" <rkevans@iag.net>
 - 43) [65554] HEATH HWx, subs for meters

- by Rick Sealey <rsealey@InfoAve.Net>
- 44) [65555] Re: [CLUBS] West FL QRP - Did I get the wrong day?!?!?
by Macstein@aol.com
- 45) [65556] Contest: SOC Contest Results
by Brian Kassel <bkassel@dancris.com>
- 46) [65557] HB: audio-derived S-meter for Green Mountain - 30
by n5ib@juno.com
- 47) [65558] DL7DF/HI9 on 28.023.8 at 1917z 3/12/00
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 48) [65559] Re: TT2 Transistor Substitutions
by Wa3ptg@aol.com
- 49) [65560] Count me as another PSK-31 newbie!
by Rohn <rohn@pubrats.com>
- 50) [65561] HELP-How to use a FLUKE 85 RF Probe??
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
- 51) [65562]
by "Rod, N0RC" <n0rc@qsl.net>
- 52) [65563] Re: HELP-How to use a FLUKE 85 RF Probe??
by Dave Sjolin <sjolin@swbell.net>
- 53) [65564] Interesting Contact
by w2xn@juno.com
- 54) [65565] How to use a FLUKE 85 RF Probe - OOPS!!
by "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
- 55) [65566] Net Freqs
by cd25d@rhapsodysails.com (Bill Slater)
- 56) [65567] FS : Morse Tutor MFJ-418
by Kw4cz@aol.com
- 57) [65568] NJ QRP SNAP WEB Page Problem ?
by J38AL@aol.com
- 58) [65569] Re: TT2 Transistor Substitutions
by Stan Yarema <bg783@scn.org>
- 59) [65570] RE: MFJ Cub
by Larry East <w1hue@amsat.org>
- 60) [65571] Re: Count me as another PSK-31 newbie!
by Rohn <rohn@pubrats.com>
- 61) [65572] SNAP & Atlanticon web server problems
by "George Heron N2APB" <n2apb@erols.com>

Date: Sat, 11 Mar 2000 17:12:39 -0700
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [65512] TNX to SOCs
Message-ID: <000501bf8bb7\$adf5b3e0\$a170e1cf@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thank you all, SOCs, for pulling out my QRPP signal @ 250mW during the SOC Marathon Sprint. Wanted to test the new OHR 500 at QRPP. Worked ND AZ TX FL CO & OK on 20M and WI FL PA WA MN & TX on 15M -- from CO, wid GAP Titan vertical. Some of you had to work hard to pull up my callsign and I appreciate the effort. Even found no. 666.

72 Dick AB0CD..

Date: Sat, 11 Mar 2000 19:14:02 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [65513] Atlanticon 2000 reconnoitering.
Message-ID: <006d01bf8bb7\$e0e8ea60\$65e63ad0@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Here's a pretty interesting note for QRPers attending Atlanticon QRP Forum several weekends from now. It was posted on our NJQRP email list by Ed Roswell, K2MGM after some scouting out of the area of our hotel in the Philly suburbs (Ramada Inn, at the corner of Rts. 1 & 202 in "Chadd's Ford, PA")

73, George N2APB
n2apb@amsat.org
<http://www.njqrp.org/atlanticon/>

----- Original Message -----

I happened to be in South Jersey yesterday, so I made a project of casing out the location, and this is to share my observations. Others may see it differently.

I went to it and from it in two different routes. Coming from the NJ Turnpike, and getting off Exit 2 was to me a hectic drive from Exit 2 onward. It was near the start of the rush our (as it will be Friday afternoon/evening when we get there). From Exit 2, Rte 322 crosses at the Commodore Barry Bridge (\$3), rides with I-95 for a short stretch, then 322 runs into Rte 1. The other route from the north would be to get off the NJ-TPK at Exit 6, for the PA-TPK, then Exit 24, Valley Forge, take I-76 down a short piece to connect with Rte 202. This is a limited access road, dual-divided and easier driving. This is only 3 miles longer than the other

route, but much easier driving. Now, back to the motel:

Let's call Rte 202 a North-South road, and Rte 1 an East-West road. The Ramada is on the SE corner. If heading south on Rte 202, you will make a left off 202 onto Rte 1, and then a right into the motel. If heading North on Rte 202, or East on Rte 1, it will be simple right turn into the motel lot.

They have a restaurant typical of that class of motel: dinner entrees \$8-\$14, a Breakfast buffet for \$9.95 - I wasn't able to ascertain if there were menu items available, other than the buffet for breakfast; I would guess so. No lunch is served, but breakfast is served from 6:30 to 10:00 or 11:00 am, if I remember correctly.

There is also a McDonald's across 202 from the motel, the SW corner. Across Rte 1 and 202, - the NW corner - there is a small shopping center, with the following: Arby's, Cafe Ol (coffee shop?), Chinese restaurant, Domino's pizza, Goodfella's caf /deli/catering, Zest Diner ("open 25 hours"), Friendly's, Burger King, KFC, and a 9-theater cinema - everything you'd ever need. Also, a couple of miles north of the motel on Rte 202 is a couple of reastaurants - "Betty's", and an Italian one.

Going west on Rte 1, the Wyeth museum at Chadd's Ford is 2 miles; Kennett Square is about 10 miles for Longwood Gardens. Up 202 & I-76, it is about 25 miles to Valley Forge...I don't know exactly where near the Exit 24 of the PA-TPK the Valley Forge/ King of Prussia mall is, but it is close.

The motel has a 'phone number for a "shuttle", what I would call a jitney, a meter-less cab, a van probably that can be called and it will come to the motel "and take you anywhere". I have no idea of the rates, but they could be called when one gets there.

I hope this helps some to get oriented.

73, Ed,
K2MGM eroswell@monmouth.com

Date: Sat, 11 Mar 2000 17:18:14 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: <dandoooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65514] TT30: Was Re: XTALS, PCB stock needed.
Message-ID: <002401bf8bba\$416e7880\$b1101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan, et. al.

Well after giving the matter some thought I decided to put up a web page and include info about the progress of this project. That way those who are interest can follow along. I'll also post brief messages here on QRP-L Subject line TT30.

I hope some will even jump in and help out it would be a fun "list" project. Perhaps the more advanced members will contribute too, setting us straight when we go astray.

All that said, here is the first update:

First Pass Analysis:

I believe that much of the circuit can be used, "as is". Referring to the NJ-QRP Club TT2 schematic, L1, C2 and C4 on the output stage of Q1 may need changing.

For sure the Low Pass Output Filter (C6, L2, C11, C7) must be changed. I'm going to change the Low Pass Output filter to a two stage "L" network. I am doing this not just to be different, but also because this is a very popular and effective design. I've studied several schematics and this filter design is almost always used.

TODO:

Calculate Low Pass Filter Values.

Determine IF C2, L1, C4 need changing

72/3 Rod, NØRC -- Fort Collins, CO

----- Original Message -----

From: Dan W. Dooley <dandooley@pipeline.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, March 09, 2000 5:58 PM

Subject: Re: XTALS, PCB stock needed.

> Hey Rod, when you get the TT2 to working on 30, any possibility you might

> make the details and info public? I'll bet more than a few people here -

> including me - would be interesgted....

>

Date: Sat, 11 Mar 2000 19:44:32 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-1@Lehigh.EDU
Subject: [65515] OP: WZ2T SOC Sprint
Message-ID: <3.0.6.32.20000311194432.008744f0@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

6 hours, 30 Q's. Marathon sprint indeed.
Even alternating CQ's between two bands didn't keep me from going
20 to 30 minutes Qless.
Equipment:
Rig: TS 940, FT 847
Ant: Dipole @ 50', Dipole @ 30', Vertical @ 5'
Computer: 386/25 running TRLog
Key: Whiterook mini paddles on Radio 2 because the computer didn't
want to key it today.

Thanks for contacts, they were greatly appreciated.
72 de Rick WZ2T NNY

Date: Sat, 11 Mar 2000 20:08:09 EST
From: REDSBOY@aol.com
To: qrp-1@lehigh.edu
Subject: [65516] KIT:Suggestion to Makers
Message-ID: <e0.226db9d.25fc47f9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I think it would be a GREAT idea if kit-makers/manufacturers/whatever would include with their specs the "special" equipment needed for the assembly of their product. I would find it good to know BEFORE BUYING a kit whether it could be successfully assembled with a rusty Barlow knife and a multi-tester, or if it required a calibrated signal generator, a general-coverage receiver, and a sophisticated scope.

It would only take an extra line or two in the specs. Even a "No special assembly equipment needed" would be a welcome addition to the info package.

Wistfully,

73,

Karl - W4UTI
QRP-L #1097, SOC #23

Date: Sat, 11 Mar 2000 20:37:17 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [65517] 3 element 40 mtr Wire/Rope yagi
Message-ID: <20000311.203719.-320125.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

I put this 40 mtr loop up about 50 foots and it seems to work fairly well... how-in-ever... I was thinking of a 3 ele yagi for 40 once again...

Instead of ref, driver, dir... I was thinking of Driver, 1st director , second director...

I think this would give me more "gain" in the foreward direction than the dir, driven, reflector arrange ment... could someone confirm that... I was also thinking of .2 wave spacing for all elements... or maybe .15 spacing for the first director and .2 for the second....

A quick check woould have the thing aimed at the lower part of Cal. from heah. (strong, maine)

maybe I could put a few elements on thirty that would put me toward africa.... I kneaux it don't sound like it but space it tight heah... and I'm playing with angles and ropes pulling heah and there... The qth becomes quite a town attraction when I try one of these projects... (only 1500 people)...

any feedback apreiciated... any flames for using a "gain" antenna will immediatelly hit the delete file... unread...

ke1la joel
in a sneaux storm
in maine

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Mar 2000 20:33:39 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [65518] QRP Vendors at Atlanticon
Message-ID: <00bc01bf8bc3\$01538e80\$65e63ad0@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the big attractions of any QRP gathering - be it a club meeting, hamfest, or in this case a QRP weekend - is something I call "Other People's Stuff". Personally, I just love looking at other QRPers' projects, kits, rigs, experimental boards, left-over parts and such. It gives me all sorts of ideas for my next homebrew creation ... and when these gems are up for sale and looking for a new home, I'm usually more than willing to accommodate.

Well, this is even *more* true for the official products talked about every day here on our email lists, from the very fine and well-respected QRP vendors in our "community". We'll have a chance during the Atlanticon QRP Forum weekend to see a growing number of QRP vendor products during our hospitality suites on Friday and Saturday evening (March 24-25).

In order to present the finest QRP experience to Atlanticon attendees, every popular QRP vendor has been contacted and offered an incentive to be present, and/or to display and sell their products via proxy at Atlanticon.

If you've never been to one of the increasingly popular QRP weekends like NJQRP Atlanticon, NorCal Pacificon, Ft Tuthill, Ft Smith ArkieCon, et al, what we're talking about when we describe the "hospitality socializing evenings" at these weekends is a very special and exciting time. Anywhere from 75 to 150 QRPers usually gather around 7pm or so in a large banquet hall at the hotel. Perhaps the foremost activity is the milling around and talking to all your QRP buddies in an excitement-charged atmosphere. Discussion topics include happenings and new projects done since you saw them at the last club meeting, hamfest or convention. This is wonderful experience every time it happens.

Another activity that happens during these hospitality gatherings is the show 'n tell display of individual homebrew projects that the QRPers bring to the weekend. We have long tables around the perimeter of the hall, and QRPers normally grab some space and lay out their projects for others to look at, touch, and ask questions about. If you don't know it already, there are few things more exciting than someone telling you that your latest homebrew creation is just great! I know that I just love telling every little construction nuance to someone interested in my projects on display.

And the third important (some say the *most* important) aspect of these hospitality evenings is drooling over the QRP vendor tables. The QRP vendors attending the weekends grab a table and display their latest nifty project to the awe and wonderment of everyone present. Sometimes they even have a working unit ... S&S Engineering had a live assembly of one of their DDS VFO kits in progress during the evening; Dave Benson had several of his transceiver products powered up and able to be tuned around by onlookers; Gary Diana N2JGU of Embedded Research usually has tons of his TiCK Keyer chips and boards in demo mode on the tables; and Gil Kost of American Radio QRP Key Mfg Co. always has working examples of his really fine little red hand keys and paddles. GREAT STUFF!

The QRP vendors that have confirmed being able to be at Atlanticon, or to have their products on display and available for sale, include:

- Dave Benson, NN1G of Small Wonder Labs;
- Dave Fifield, AD6A of Red Hot Radio;
- Eric Schwartz, WA6HHQ of Elecraft;
- Gil Kost of American Radio QRP Key Mfg Co;
- Gary Diana, N2JGU of Embedded Research;
- Mike Gipe, K1MG of Blue Sky Engineering;
- Vern Wright, W6MMS of SuperAntennas; and
- Bill Kelsey, N8ET of Kanga US.

If you don't see your favorite QRP vendor in this list yet, please give them a call to urge them to attend. Remind them that the NJQRP Club is providing special arrangements to enable them to attend and/or to sell their products at Atlanticon. If we somehow missed contacting one of our valued QRP vendors along the way with this offer, please contact us ASAP and we'll get them hooked into our fabulous weekend activities, pronto!

Gosh, I love Other People's Stuff! :-))

73, George N2APB
n2apb@amsat.org
<http://www.njqrp.org/atlanticon/>

Date: Sat, 11 Mar 2000 20:45:05 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [65519] Argonaut II vs. K2
Message-ID: <004301bf8bc4\$99136820\$49b6aec7@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Does anyone have an opinion on or experience with the Argonaut II vs. the K2? The K2 sounds like a super rig and I enjoy kit building but I've had good results and a lot of fun with the Argo II so before making any rash decisions, I wonder if anyone in the group has had the opportunity to compare these two rigs.

Thanks.

Dave K8TRF

Date: Sat, 11 Mar 2000 19:38:28 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [65520] Re: HEATH HWx, subs for meters
Message-ID: <38CB1134.FA0C2F64@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FWIW my HW8 meter has a small sticker that says "made in Tiawan".

73, Dick W0EX

Stuart Rohre wrote:

> The Ten Tec meter is a Korean import

Date: Sat, 11 Mar 2000 21:02:48 EST
From: K5KW@aol.com
To: qrp-l@lehigh.edu
Subject: [65521] First SOC Contest
Message-ID: <9.326b860.25fc54c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, folks, the first SOC Sprint contest is over and I am sitting here

knowing full well that the true testers amongst us ate my lunch, when it comes to scores.

But, dang.....I had fun!!!

My testing got off to a late start because another ham drove across the state to come look at some surplus QRO gear I had put up for sale. He arrived just minutes before the contest began. Though he stayed nearly two hours, the good news is, he bought a rig and monitor scope. He left behind enough cash for me to buy a K2 with all the trimmings and then some. :-)

The really bad news is, before starting the contest I checked my antennas and found the dipole for 40 and 80 meters had fallen in this morning's stronger-than-usual Oklahoma wind. (When the windsock has blown away, as it often does, we check the wind direction in these parts by just looking out back to see which way the barn is leaning.) So, 40 and 80 were out of commission here, and the tri-band beam didn't cut the mustard very well on 10, 15 and 20 with today's second-class propagation.

In spite of it all, I managed early on to work our super-tester and fearless leader Bob, N4BP, on all three bands and had 64 other QSOs. In true second class fashion, I'm not sure I fully understand how to score them.

I only encountered one operator whom I believed to be sending with his left foot; the rest of y'all done good. (Yeah, we really do talk that way out here in the Oklahoma boondocks).

It was great fun explaining to the QRO operators what we were up to, and what exchange was needed from them. I noticed they just couldn't keep from joining the contest, even though some didn't have a clue as to what it was all about. In fact, one QRO operator even called me back about 20 minutes after our first exchange to inquire about exactly what WAS going on.

One guy I worked admitted that I was his very first cw QSO. And another called me without realizing it was a contest. He apologized profusely for interrupting. But, heck, I got an exchange from him, and in true second class fashion, finished out a rag chew with him and an invitation to join us in the cw fun.

Score? You really do score these things?

72,

Don, K5KW

"Fom Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is a

sunny day".

Date: Sat, 11 Mar 2000 21:02:07 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: <k7prz@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65522] Re: HELP
Message-ID: <013901bf8bc6\$f972d0a0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

See below:

----- Original Message -----
From: Dave <k7prz@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, March 11, 2000 5:16 PM
Subject: Re: HELP

> Good question---I was about to ask the same thing.
> Also looking at the new MFJ QRP-Cub but I can't find
> the freq. range on 40 meters. Is there only a 50 khz
> spread on tuning?

According to the spec sheet (catalog page insert), tat is right. 50 kHz

>
> Does that 971 tuner have a 6 watt full scale range
> for qrp work? The catalog says it's user selectable.
> Not sure what that means---switch on the back or
> wiring mod?
>

I believe it is swichable inside but don't rememer for sure. Did it
(switched to 6 watt) about 6 months ago and have since forgotten.

> Dave
> k7prz
>

Date: Sat, 11 Mar 2000 21:09:54 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:dschneider2@uswest.net" <dschneider2@uswest.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [65523] TNX to SOCs
Message-ID: <200003112112_MC2-9CAE-50A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Dick:

Well it was my pleasure to pick you out. Believe you were the lowest powered QSO. Several guys said they were at one watt, but you evidently were the lowest of all. Setup here was the newly completed K2, which operated flawlessly all afternoon. Antennas was the 540' horizontal loop at 33' fed with coax through a balun. Thanks for dropping by.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Sat, 11 Mar 2000 21:18:04 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [65524] HEATH INFO
Message-ID: <19.1d00907.25fc585c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There are several repeat calls for schematics for the HEATHKITS . Here you are. Please save these or you might want to try a GOOGLE search

<http://www.circuitarchive.co.uk/heath.htm>

<ftp://BAMA.sbc.edu/downloads/heath/>

HAVE A SUPER DAY. ALAN KB7MBI

Date: Sat, 11 Mar 2000 21:24:05 EST
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [65525] QRP Computer log !
Message-ID: <20000311.212411.8071.1.kc8aon@juno.com>

Hello Gang,

If you just want to keep a casual QRP log, use "cardfile" in Windows !
Each card holds info for one contact, put the person's callsign on the index line and the qso info on the text area of the card. Then whenever you need to search the log to see if you have worked a station before, click on search, then click on "go to" and type in the call sign - if you have worked them before, their card pops up instantly !

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Mar 2000 21:42:37 EST
From: KF4YYD@aol.com
To: qrp-l@lehigh.edu
Subject: [65526] Thanks for the SW-40+ Help
Message-ID: <7f.1a31dc2.25fc5e1d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

Thanks for the info on the Elmer101 course. From what I have looked at on the net it appears to be well worth the cost for a hardcopy. I look forward to using it as I build my first transceiver.

Tom KF4YYD

Date: Sat, 11 Mar 2000 18:47:23 -0800
From: "ronald" <ronald@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [65527] RS htx-10
Message-ID: <200003120247.SAA20853@mail.crl.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang;

I recently purchased a Radio Shack htx-10 and have noticed something rather strange with it. When the battery voltage drops to a certain level the "up" button on the microphone won't make the rig tune in the up direction. When the voltage goes back up the button functions properly again. I need to run more tests to see at what voltage this starts to occur. I know at this time that it occurs before the voltage drops to 11 volts, but don't know yet at what voltage it starts to occur. Could this be an undocumented feature of the rig? Perhaps others on the list with this rig could do some testing and let me know what they find out. In that way we could determine if all of them act in the same way or if mine is unique. If they all do this, it would be an easy way to tell when it is time to charge the battery.

Replies should probably be to me, and I will report what we find out to the list.

72,

Ron, KE6RS, ronald@crl.com

Date: Sat, 11 Mar 2000 19:50:42 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65528] OT: rubber belts source please
Message-ID: <38CB0602.9D394B3B@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Sorry for this off topic Q but I know the wealth of resources here will get me an answer. I have a panasonic answering machine that is need of a recorder drive

belt replacement. Can anyone point me to a good source for these? I don't mind waiting for mail order if I can a suitable sub.

tnx es 72 - john - n0hj

Date: Sat, 11 Mar 2000 19:58:20 -0700
From: gsurrency@juno.com
To: jaevans@codenet.net
Cc: qrp-l@Lehigh.EDU
Subject: [65529] Re: OT: rubber belts source please
Message-ID: <20000311.195820.-512865.2.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Fry's Electronics carries a bunch of those belts.

73,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)
K2 sn. 364

On Sat, 11 Mar 2000 19:50:42 -0700 "John A. Evans - N0HJ"
<jaevans@codenet.net> writes:
> Greetings,
>
> Sorry for this off topic Q but I know the wealth of resources here
> will get me an answer. I have a panasonic answering machine that is
need of a
> recorder drive belt replacement. Can anyone point me to a good source
for these?
> I don't mind waiting for mail order if I can a suitable sub.
>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Mar 2000 22:15:07 EST

From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Message-ID: <20000311.210654.4663.0.N5IB@juno.com>

Gang,

Give a listen for a few minutes between 0315 and 0330 Z just above the BC station on 7110 for Bruce, KD5GRC, trying to make his first ever QSO. He's using a TenTec QRP rig and an attic dipole. Just came back from his place tweaking up the antenna. But I don't want to work him from across town - that's like kissing your sister :^)

I'm going to ask him to call a few CQ's

72
Jim N5IB

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 11 Mar 2000 20:18:07 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: qrp-1@Lehigh.EDU
Subject: [65531] Re: OT: rubber belts source please
Message-ID: <38CB0C6E.7F97CE6B@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I just found out the parts are available direct from Panasonic on their website and have ordered them.

tnx much,
john

Date: Sat, 11 Mar 2000 19:21:33 -0800
From: Gardner / Maguire <BethDan@pacbell.net>
To: qrp-1@lehigh.edu
Subject: [65532] AEA/Tempo CIA-HF
Message-ID: <38CB0D3D.DB1@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Anybody out there have any first hand experience with this instrument. I've read the ads in QST and studied the web site (<http://www.aea-wireless.com/>). I've also read over the KM5KG after market software description (<http://website.mciworld.com/~drbingo@mciworld.com/>), which not only describes his software but also gives you a good feel for what the box itself can do.

But I'd be curious to hear from any owners. For example, do you find that you miss not having a knob to turn to change the frequency? After the novelty wore off, do you really use the frequency sweep display curves or do you mostly just get data for a single frequency, or maybe just band edges? Have you been able to verify that you're getting accurate readings in a variety of situations? How's battery life? Is the unit rugged/portable enough that you feel OK taking it outside to play with antennas, or do you use it mostly from a bench in the shack?

Sorry for the slightly off-topic post. Private replies certainly welcome. Thanks.

Dan AC6LA
Morgan Hill, CA

Date: Sat, 11 Mar 2000 20:23:10 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65533] MFJ CUB(15), New Loop, Missed SOC
Message-ID: <38CB0D9E.6887@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I see a bit of confusion comparing the MFJ full size xcvr's with the NEW CUB series. The new CUB is just a tad bigger than the SST if you

familiar with that size of rig. I really like my CUB and it works FB. It is about half SMD's, the rest that you have to install are the normal size parts.

Finished building a mag loop today. Man was I close in my calcs!! I designed it for 20-10m...On 20m my capacitor gets me down to 14.100, and on the high side it only tunes the 12 meter band. So, back to the drawing board. Going to cut about 16 inches out of the loop and then add a 'vane' to the cap..should be in biz then...I hope.

Sorry missed the SOC! Too many irons in the fire. Will be there next time with my new indoor loop.

Hope everyone has a great weekend! 72, Tom WB5QYT

Date: Sat, 11 Mar 2000 22:55:51 EST
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [65534] Clarification
Message-ID: <32.23f9bbf.25fc6f47@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

NOTE TO MIKE, KK5GG

Nope, Mike, you didn't make the cut. The guy who I thought might have been sending with his left foot wasn't you. In fact, it was an op who is not even an SOC member, he just joined in on the fun and gave his power output (with some coaxing) instead of a number. But bless him, he gave me another contact !

72,

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton metroplex of east central Oklahoma, where every day is a sunny day".

Date: Sat, 11 Mar 2000 22:57:14 EST
From: n5ib@juno.com

To: QRP-L@Lehigh.edu
Subject: [65535] CONTEST: SOC Marathon Sprint
Message-ID: <20000311.214855.4663.1.N5IB@juno.com>

Missed the first two hours as I was listening to the internet broadcast of my son's baseball team (U of La, Monroe vs NW La). They lost, but were up 4-2 when he when left the mound to make way for the closer, who didn't :^)

Only 20 Q's in a hit and miss operation, but did manage #1 SOC, Bob, on three bands, and Doc on two. There was a "9" station, who I shall not further identify to protect the innocent, who actually was QLF - not a bad fist, er, arch, er, whatever.... I thought about trying it, but the cord on the J-38 wouldn't reach the floor....

It was fun. I fully lived up to my SOC status by calling one station while too close to Bob so that he thought I was calling him when when we'd Q'd already. I caused a real mess, so I just left the rig and got a ginger ale.

Now to figure out how to dump the log from the POQET and score this thing :^)

72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Mar 2000 04:20:58 -0000
From: "Carlos J. Caro" <cjcaro@nail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65536] Re: Spider Junior
Message-ID: <000401bf8bda\$5e54a440\$60d396d8@default>

Who was looking for the schematic for the SP-750 Spider ???

I have the Nov 94 QST article that I can copy and send.

Regards, Carlos
#1333

Date: Sun, 12 Mar 2000 03:32:45 -0500
From: "A. E. Lake" <RadKit@compuserve.com>
To: Unknown <qrp-1@lehigh.edu>
Subject: [65537] Books
Message-ID: <200003120332_MC2-9CBF-9D2C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Anyone interested in a copy of "BBC Technical Instruction TT7" , first issue, dated February 1945?
This details the Power Supply Circuits, Programme Input Equipment, Transmitter Units, with notes on Operation and Maintenance of the Droitwich
4 BBC Transmitting Station.
Detailed Circuit Diagrams are included. Ideal if you're thinking of building a quarter megawatt rig!
This is a fairly heavy set of data sheets, bound in a substantial spring binder.

I also have a set of Technical Instructions , dated from the mid-thirties to 1945, covering the general BBC specifications for the Regional Broadcasting Chain of the era. It includes details of Outside Broadcast Equipment, including the Marconi-Stille Tape Recording Machine (1937) and the 'Watts' Disc Recording Machine (1938) with excellent photographs. Provincial Studio and Control Equipment is described in some detail. =

Regional Stations at Brookmans Park, Moorside Edge, Westerglen and Washford
Cross are fully described, together with details of the LW and MW (QRP, this one, only 70 kW!) installations at Droitwich (1936/1937). Altogether, these sheets form a bound volume about 3 inches thick!

It is my intention to send these to auction later this year.
However, if anyone is seriously interested in either or both of the above - bearing in mind that we are talking serious money - please drop me a line =

Regards,

Alan Lake, G4DVW

Date: Sun, 12 Mar 2000 06:56:21 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Richard Sherman <srichard@aldus.northnet.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65538] Re: OP: WZ2T SOC Sprint
Message-ID: <Pine.3.89.10003120646.M24003-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 11 Mar 2000, Richard Sherman wrote:

>
> 6 hours, 30 Q's. Marathon sprint indeed.
> Even alternating CQ's between two bands didn't keep me from going
> 20 to 30 minutes Qless.
Yeah, lousy condx, Rick. Lots of "AGN?" from me, but not a single "EH?" :-)
Where was any part of Canada???

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Sun, 12 Mar 2000 07:11:35 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Joseph Trombino Jr <joebarb@wilmington.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65539] Re: Antennas--right angles
Message-ID: <Pine.GS0.4.10.10003120657440.3881-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Joe,

Given your 2-dipoles at right angles at 1/2 wl set-up, there is no single number that will satisfy the prediction of signal strength differential if

a signal hits one broadside and the other on end.

In free space, the patterns for the antennas show up as very sharp figure 8s. Theoretically, you should not hear the end-on signal at all--or just barely.

However, when you set up a dipole over real ground, the broadside-to-end-on ratio drops considerable. Again, even knowing the exact height, one cannot assign a specific number to the front-to-side ratio other than abstractly as a guide. The exact terrain and the surrounding objects (the trees, buildings, power lines, etc. that we call "ground clutter") will modify the antenna patterns from the modeled or the ideal.

Now let's add another factor to disturb the ideal further: the variables of propagation. High angle signals will tend to show less directional difference than low angle signals. Signals tend to form a front so that they arrive at no single directional angle on the azimuth scale, but may (though not always) arrive from a band of angles that varies not only from day to day but continuously. In some circumstances, alternative paths are possible.

The result is that--for most purposes--broadside for a dipole is going to be stronger than end-on almost all of the time, but not absolutely always and not by a ratio relative to end-on that permits a numeric assignment.

However, you are ideally situated with an A-B switch to start a record for your own location. You might log the station call/location, strength on A or B, time of day, date, and any other condition notes you can think of at the time. Eventually, you will have a pattern that let's you predict with high accuracy (although there will always be surprises) which antenna will be best--and even by about how much.

Just beware of Murphy's Law: just when you have the predictions internalized to the point where you always make the right move in antenna selection, circumstance will force you to move to a new location and start all over again.

I hope this is useful to you.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	Tel: (865) 938-6335
1434 High Mesa Drive	/	\	\	----	\	---	http://www.cebik.com
Knoxville, Tennessee	/\	\	\	/	/		e-mail: cebik@utk.edu
37938-4443 USA	/	\	\	\			e-mail: w4rnl@arrl.org

Date: Sun, 12 Mar 2000 06:47:58 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [65540] TT2 Transistor Substitutions
Message-ID: <002f01bf8c21\$35cb7980\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone tried using 2N2219s instead of 2N2222s for the TT2?

I have several in my junkbox. Don't have any 2222s. Yea, I know the 2222s are inexpensive, but in the spirit of using what you have....

The 2219s are metal cased also, same specs (looks like) and actually rated to a higher power disipation in the reference source I have here.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 12 Mar 2000 06:07:16 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [65541] WTB:Brown Bros Paddles
Message-ID: <016301bf8c23\$e49e8040\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone having thoughts about maybe they have too many keys and not enough time to use 'em all?? I sure would like to find a pair of Brown Brosand put 'em to use. Looking for solo paddles or the combo with striaght

Please contact: Steve/n0tu

On Sun, 12 Mar 2000, Steve/n0tu wrote:

If you're luck enough to find two ... let me know, looking for the same item(s).

[illegible]

Baltimore - A link to The City - visit us for Postcards, Home Page Registry and much more.
Baltimore Press - Smaller, Smarter, Better

Date: Sun, 12 Mar 2000 07:18:15 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [65543] OT: Another Drake xmtr question
Message-ID: <003701bf8c25\$717d9f40\$04987b7b@doooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok folks, here I am with another Drake T-4XB xmtr problem. QRP? I use it only on QRP, so hopefully it won't be considered too far Off Topic.

Anyhow, I put in a new set of finals (6JB6) a couple of months ago after the old ones burned out. Did tune-up and put it on the air, but noticed that I could not get the power stable. That was more noticeable to me as I was trying to run it at about 4 watts output. I asked about that on this list and got some good ideas to try. Now, I've diagnosed the symptoms down a little further. Basically there are two problems.

One. Key down, the power will jump to a specific level - say 5 watts. Then it rapidly (over several seconds) will drop down to about 3 1/2 or so. After several seconds of sitting there, it will creep back up towards the original level. The wattmeter and the plate current meter both follow. At the higher power levels, the change can be on the order of 8 to 10 watts. I've swapped out all the other tubes. I may have to start going through PS voltages or look for some bad components for this one.

Second problem. I won't seem to stay neutralized. The book calls for neutralizing on 10 meters. Did that. Looked ok. Moved down the bands. 15 looked ok. 20 was way off. This is indicated by the plate dip and max power occurring simultanionusly. Adjusted it on 20. Several times as it seems to creep a little. Went back to 10. It's now off in the opposite direction.

Anyone have any insights into the neutralizing problem especially?

Thanks ahead.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandoooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 12 Mar 2000 08:26:15 -0500 (EST)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com

Subject: [65544] A couple of new items

Message-ID: <Pine.GS0.4.10.10003120823530.2331-1000000@larry.cas.utk.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recently added 2 items to the "lower HF" collection at the web site (URL below), one on using multi-wire elements as substitutes for large tubular elements, and the other on some modeling I have done with folded dipoles. I hope they are useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	Tel: (865) 938-6335
1434 High Mesa Drive	/ \/\ \/\	----/\---	http://www.cebik.com
Knoxville, Tennessee	/\ \ \ \	/ / /	e-mail: cebik@utk.edu
37938-4443 USA	/ \ \ \ \		e-mail: w4rnl@arrl.org

Date: Sun, 12 Mar 2000 13:27:40 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [65545] You QRP Companion ..?
Message-ID: <000501bf8c26\$be24ec80\$2f558cd4@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guy`s...

Wonder... can anyone tell me if the ARRL still
stocks this wonderful publication..??

Had a look on the ARRL page, and as far as I can
see, it is NOT listed, but I may have overlooked it.

I am currently needing to get hold of a copy of this
book if anyone knows where I can track it down..

Don`t have anymore info regarding it, sorry.

72 de Andy GM0NWI gm0nwi@tesco.net
"Long Live QRP..!"

GQRP No.9576

Date: Sun, 12 Mar 2000 07:40:31 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65546] Re: Another Drake xmtr question
Message-ID: <004d01bf8c28\$8c66efc0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A clarification: I re-read my post and it sounds funny.....

First place, it's the transmitter which won't stay neutralized. Not me.
Secondly, the indication of proper neutralization is when the plate current and max power output occur together. Improper neutralization shows by tuning the plate slightly off resonance in one direction and seeing the power output actually increase a bit rather than fall off, as it should.

Come to think of it, I'm not sure I'm neutralized properly either....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, March 12, 2000 7:18 AM
Subject: OT: Another Drake xmtr question

> Second problem. I won't seem to stay neutralized. The book calls for
> neutralizing on 10 meters. Did that. Looked ok. Moved down the bands.
15
> looked ok. 20 was way off. This is indicated by the plate dip and max
> power occurring simultanionusly. Adjusted it on 20. Several times as it
> seems to creep a little. Went back to 10. It's now off in the opposite
> direction.
>

Date: Sun, 12 Mar 2000 07:46:28 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w1rfi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65547] Re: ARRL TIS pages - Antennas
Message-ID: <005501bf8c29\$60ad9680\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Ed, I think you hit the nail on the head. Boy, don't you just hate those tired old clichés?

There may be lots of complaints from folks who feel that too many questions and topics are put here, not directly related to QRP, and I don't want to stir up another long thread on that, but your statement below sums up, methinks, the reason. I think it is the highest praise of the group and the talent and knowledge contained therein.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: Hare, Ed, W1RFI <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 07, 2000 8:28 AM
Subject: ARRL TIS pages - Antennas

> but the QRP community is among the more astute in ham radio, so I wanted
the
> best possible input!
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
>

Date: Sun, 12 Mar 2000 08:02:57 -0800
From: Thomas Griffith <tgriff90@colla.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65548] unsubscribe
Message-ID: <38CBBFB1.37D2B00D@colla.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please help!! I am trying to unsubscribe from this board for a while and cannot get any response from lehigh.edu. Is this server down or what? Started trying yesterday and have tried again this morning.

Tnx es 73/72 de N5GF Ed

Date: Sun, 12 Mar 2000 07:33:20 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65549] ATTN: BRUCE W6TOY
Message-ID: <38CBAAB0.1B8A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce,

Have not been able to send you any email. Everything is bouncing!

72, Tom WB5QYT

Date: Sun, 12 Mar 2000 11:06:00 EST
From: WA6GER@aol.com
To: qrp-1@lehigh.edu
Subject: [65550] Foreign Currency Needed
Message-ID: <22.304ac66.25fd1a68@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I will be going to Spain, Portugal, Gibraltar, and Morocco, and can use currencies from those countries. Anyone who wants to buy a NorCal SMK-1 kit, join, or renew, please do so via mailing cash. I will assume the risk.

Thanks.

jim, WA6GER

Date: Sun, 12 Mar 2000 08:30:48 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65551] Re: OP: SOC Sprint
Message-ID: <Pine.GS0.4.10.10003120828520.20787-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 12 Mar 2000, Bob Patten wrote:

> Yeah, lousy condx, Rick. Lots of "AGN?" from me, but not a single "EH?" :-)
> Where was any part of Canada???

I was on the road coming back from a visit with Mark and Mary. No
rig in the truck.....no fun playing SOC!

Hey, I just thought..... I showed up for the contest with no
rig or antenna..... isn't that worth a division win?

Whine, whine.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Sun, 12 Mar 2000 08:48:49 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [65552] Re: TT2 Transistor Substitutions
Message-ID: <01bf8c42\$d70a9b70\$3fd7fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dan

I have the 2n2219 in my TT2. I blew up my meager stock of 2n2222 so pressed the 2n2219 into service. With the metal can, they can take a clip-on heat sink also. I'm trying to get mine up to 1w output, but no luck so far. May be too low on drive.

73, Bob N6WG

Date: Sun, 12 Mar 2000 12:17:05 -0500 (EST)

From: "Richard K. Evans" <rkevans@iag.net>

To: qrp-l@lehigh.edu

Subject: [65553] Re: [CLUBS] West FL QRP - Did I get the wrong day?!?!?

Message-ID: <Pine.GSO.3.96.1000312094413.24102B-1000000@shell.iag.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought it was worth the trip from Orlando to Tampa to attend, and will add it to my calendar for next month. Of course, next time I'll try to arrive on time, instead of wandering in an hour late. I even have the talk-in repeater settings in my mobile (if an HT lying loose in the passenger seat qualifies as mobile) rig's memory now.

One thing I will not do next time is try to take a shortcut by turning onto 22nd street from I-4. The southern end of that street looked like a desperate neighborhood. Otherwise, the directions were perfect -- perhaps I'll try following them next time.

The directions said that when I got to the end of the road, the meeting place (graciously provided by the Tampa ARC) would be on the right, and that it would be easy to find. Exactly right. What it didn't mention was that the TARC club looks like a military outpost in hostile territory. Modest concrete building with a few windows, high fence topped with barbed wire, communications antennae... As I was entering the gate, I half expected a border guard to show up and demand my 'papers.'

There were a few things missing from the meeting:

- The famous doughnuts and coffee.
- Most of the membership (unless Mac's really the only member).
- The sweet smell of solder melting.

I couldn't do a lot about the first two issues, but an opportunity arose to solve the third one when Pat (VE6AAN) needed a transistor desoldered. Mac (AF4PS) pulled a replacement out of his goodie box, and I performed a second-class job replacing things. I had a spare Altoids tin

in the car, but couldn't find any use for it.

Looked at Mac's very carefully organized qsl card collection, played show-and-tell for a while, then the meeting was over. I had mentioned earlier to Mac that the SOC "Marathon Sprint" was in progress, and from that moment onward, he seemed eager to leave.

Rick Evans, KG4FER

In a previous installment, Mac said:

> Rick, KG4FER (a GOOD tech!) drove over from Orlando. I, of course had
> promised all of them Doughnuts.....

> -MAC-
> AF4PS

Date: Sun, 12 Mar 2000 12:42:47 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: GM0NWI Andy <Gm0nwi@tesco.net>
Cc: qrp-1@lehigh.edu
Subject: [65554] HEATH HWx, subs for meters
Message-ID: <4.1.20000312120153.00957220@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Hi Andy,

I'm sorry to hear you are having such a difficult time locating a meter for your HW-8, though I'm not surprised. Some Heath parts are getting pretty scarce. And I'm afraid I don't have a spare one, either, as it's long gone.

I read Stuart's post to you, and as always he provided very sound advice. His last paragraph, however, is the one most related to my experience.

When I bought my HW-8 (1980), I had every intention of modifying as much as I could to improve its usability. One of those modifications was to provide audio derived "S" reading with the meter. While this is useful probably only by debate, my intention was to improve the esthetics of the radio. (Seeing the meter move on receive just made me feel better.) While modifying the radio to drive the "S" meter, I came across a panel meter

from a CB radio that fit the cutout on the HW-8 perfectly. The meter markings, as usual for CB radios, went up to +30db over S9, and a secondary scale of 0-5 on the meter provided convenient output indication. I did not investigate the meter's specifications in any way but quickly put it in the circuit and found it work just like the original (I got lucky).

While I did add some fine-adjustment capability to the Tx and Rx meter circuits, and could adjust the indication to some relative output into 50 ohms, and some relative receive signal strength, I made no real effort to achieve any significant accuracy. But, boy did it look good, especially with the backlighting!

It made a perfect substitute meter for what I wanted to do.

The meter cutout on the HW-8 front panel is about 1 3/8" x 3/4". And today, after spending about an hour surfing surplus component sites on the Internet, I could not find a panel meter that meets this dimension. However, there should still plenty of old junk radios out there that may use a meter this size, so perhaps someone there can be on the lookout for one at a hamfest or yard sale. Or maybe someone here on the list may have something usable, or other ideas. It doesn't have to be a Heath substitute meter.

Good luck!
Rick - W4SEA
High Point, NC USA

Date: Sun, 12 Mar 2000 13:04:12 EST
From: Macstein@aol.com
To: rkevans@iag.net, qrp-1@lehigh.edu
Subject: [65555] Re: [CLUBS] West FL QRP - Did I get the wrong day?!?!?
Message-ID: <61.1f1f926.25fd361c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/12/00 12:19:14 PM Eastern Standard Time, rkevans@iag.net writes:

> I had mentioned
> earlier to Mac that the SOC "Marathon Sprint" was in progress, and from
> that moment onward, he seemed eager to leave.

In true "Second Class" fashion, I had forgotten about the sprint!!! I hooked the K2 up in the car on the way home and worked 12 stations on 10 meters. I

displayed a truly second class fist as this was my first venture into QRP/M
(But it ain't much better sittin' at the bench!) My apologies to all who
missed the doughnuts! My bad. Good to meet YOU though, Rick!

-MAC-

AF4PS

SOC #28, Whiners #5, QRP-L #704

Date: Sun, 12 Mar 2000 11:10:19 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [65556] Contest: SOC Contest Results
Message-ID: <38CBDD8B.FF6CF183@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Well, another great QRP event completed, and a great one too. I ran my
K-2 at 4.9W into a 3 element tribander up 35 feet. I had to hurry home
from the Scottsdale hamfest where many ScQRPions were seen congregating,
but only missed about 15 minutes.

10, 15 and 20 produced QSO's, but almost no 40M activity was detected
here in spite of my having tuned down there many times during the event.

I did manage to work several stations on at least 2 bands, if not all
3. I just installed a new USB Mouse on my computer, and experienced
several lockups during the event. Guess that the mouse driver that I
installed isn't quite up to par. Sorry for the few folks that I left
hanging.

Everything else worked beautifully though. I would like to remind
folks to check 10M often. A few folks asked to go there from other
bands, and we always made contact. Bob Patten and I do this in most
every contest, and we almost always QSO. Also please check those CW TX
frequency offsets. Several folks came back to my CQ's well over 500 Hz
away. When the band is crowded, as 20 usually is, it's very easy to
miss someone calling with narrow filters switched in.

Here's my results. Sure hope that I did as best as I could and came
in second ;)

SOC Marathon Sprint

Category:____Single Operator_ Mode:_CW_____ Power:_4.9 W____

Callsign of Operator: K7RE

Exchanged Information: K7RE 599 AZ NR 53

Hours of Operation:___6.75_____ Hours.

Band	QSOs	Points	SPC's
160	0	0	0
80	0	0	0
40	1	5	1
20	45	198	21
15	36	159	21
10	8	40	6
Totals	90	402	49

Total Score: 137,886 Points

Brian K7RE
AZ ScQRPions

Date: Sun, 12 Mar 2000 13:31:03 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [65557] HB: audio-derived S-meter for Green Mountain - 30
Message-ID: <20000312.122244.19391.3.N5IB@juno.com>

Using the audio-derived S-meter circuit from W1FB's QRP Notebook and a 200uA VU meter movement from an old tape recorder (meter resistance about 750 ohms):

With a 1N34 germanium diode shunting (forward bias direction) the meter, 50 uV input to the receiver (S-9) can be set to about 90% of full scale. Even +40 db won't bang the needle on the pin. This is the max gain setting on the calibration pot. The needle will just begin to move for signals between S-3 and S-4 (S-4 being about 1.6 uV at the input). This works out to be a pretty practical range for QRP operation, plus protects the meter from the occasional QRO (or my neighborhood fellow QRPer). Maybe later I'll work on a log amp version - good possibility for a surface-mount manhattan effort.

I thought about scrapping the idea of an S-meter entirely and just using the meter to read the battery voltage (on maybe a 10 V to 15 V scale,

using a zener to set the bottom end), which is probably a more useful function for QRP anyway. I couldn't just do away with the meter entirely, since I'd already cut out the hole in the panel - had to fill it with something :^) Could use a switch to make it do double duty.

Used Corel Draw to make up a nice new scale for the meter face, with the Baton Rouge ARC club logo featured.

This will be a nice rig. I'll probably turn up on 30 m more often now.

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Mar 2000 14:20:11 -0500

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>

Subject: [65558] DL7DF/HI9 on 28.023.8 at 1917z 3/12/00

Message-ID: <38CBEDEB.32BBE90C@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Just worked Dominican Rep -- I cheated -- I called N4UY/QRP !!

Jake -- N4UY

Date: Sun, 12 Mar 2000 14:36:53 EST

From: Wa3ptg@aol.com

To: qrp-l@lehigh.edu

Subject: [65559] Re: TT2 Transistor Substitutions

Message-ID: <ca.2b0e953.25fd4bd5@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

It's not a TT, but I just finished a "Poor-hams transmitter" from W1FB's 1985

QRP book. This design has a crystal oscillator driving 2 2N2222As. Using a 2N4401 oscillator with a 56 ohm emitter resistor in series with a 500 ohm trimmer, The parallel 2N4401s put out 250-800 mw. This was the best I could do. Used the highest gain '4401 I had, and matched the output transistors. This power level is about perfect for driving CB output transistor or MOSFET finals, so it not over yet.

Next up: homebrew double-balanced mixers. Man, this is fun. We don't need no skinkin' riceboxes!

72 DE WA3PTG "If it ain't CW, it's just 3950 KHz"
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sun, 12 Mar 2000 14:11:56 -0600 (CST)
From: Rohn <rohn@pubrats.com>
To: qrp-l@lehigh.edu
Subject: [65560] Count me as another PSK-31 newbie!
Message-ID: <Pine.LNX.3.96.1000312140352.29885A-1000000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It took a little doin' and not all of it necessarily logical, but after installing Windows98 on my little refurbished laptop I was finally able to copy some PSK-31 on 20m!!!

Itty bitty Isotron 20 antenna mounted on a PVC mast right here in the radio room (thanks for the idea - and yah, this antenna rocks!) was all it took to get a signal from Europe to show up on my laptop's screen... and I COULDN'T EVEN HEAR IT IN THE NOISE!

I'm flyin' out to the local parts store to pick me up more connectors - gots ta build me a transmitting patch cable to plug between the laptop and the radio... I can't unplug and replug this one (and only one) that I have quickly enough between receive and transmit ;-)

So, when I get back from the parts store (and the grocery - a "honeydo" I think the greybeards call it <g>) look for me on 20!

I'm jonesin'!
Rohn, NORTX

Date: Sun, 12 Mar 2000 16:01:49 -0800
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [65561] HELP-How to use a FLUKE 85 RF Probe??
Message-ID: <000701bf8c7f\$59376100\$6adc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello Gang,

I picked up a FLUKE 85 RF probe and want to use it with my FLUKE 79. I did not get any information with it though. I know how it plugs in. What I don't know is what setting to use on the meter and how the information is interpreted.

I am going to put my SNAP together tonight and want to use it to read the output accurately.

Any help appreciated. Thanks a bunch as always and now I will sit back and wait for my mailbox to fill up.

I just love this list !!!!!

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Sun, 12 Mar 2000 14:07:37 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Message-ID: <015001bf8c67\$02f82440\$ae101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I looking for schematic drawing SW. Holophase (circad), Ibex (windraft) and others are all >\$200. More than I want to pay. Does anybody know of some good freeware/shareware? I'd like to not spend

more than ~\$50.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sun, 12 Mar 2000 15:45:15 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: MAIL4GARY@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65563] Re: HELP-How to use a FLUKE 85 RF Probe??
Message-ID: <38CC0FEB.9B004D58@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

GARY McCAUGHEY wrote:

> I picked up a FLUKE 85 RF probe and want to use it with my
> FLUKE 79. I did not get any information with it though. I
> know how it plugs in. What I don't know is what setting to
> use on the meter and how the information is interpreted.
>
> I am going to put my SNAP together tonight and want to use
> it to read the output accurately.
>
> Any help appreciated. Thanks a bunch as always and now I
> will sit back and wait for my mailbox to fill up.
>

Since I have the same question, hopefully Gary will summarize what he hears or those repsonding will copy the list. Thanks in advance.

73 de Dave, N0IT

Date: Sun, 12 Mar 2000 17:14:27 -0500
From: w2xn@juno.com
To: qrp-1@lehigh.edu
Subject: [65564] Interesting Contact
Message-ID: <20000312.171429.-834777.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

A couple hours ago (had to stop for dinner and to talk to the XYL), I worked Lithuania on 10 meters. 5 W into a Hustler 4 BTV (ground mounted) vertical.

Fred W2XN (one of the "Swamp Rats")
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES
AR QRP #233 QRP-L #1728 NJ-QRP #197 ZOMBIE #709

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 12 Mar 2000 17:20:58 -0800
From: "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [65565] How to use a FLUKE 85 RF Probe - OOPS!!
Message-ID: <004e01bf8c8a\$b96f0720\$6adc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

OK, OK.....You're thinking classic case of not reading the kit instructions before opening up the mouth. You're correct. The last page of the SNAP instructions probably answers my questions. It has a nice little diagram of an RF probe and how to use it. Guess that the FLUKE Probe is used the same way.

But as always....got a bunch of nice replies.

Thanks to one and all.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Sun, 12 Mar 2000 16:28:56 -0600
From: cd25d@rhapsodysails.com (Bill Slater)
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [65566] Net Freqs
Message-ID: <00c301bf8c72\$5b100480\$6076130c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to all

Once upon a time I found a url for the frequencies of numerous nets, now I cant find it. Anyone know of the url??????

BTW, thanks to the auspicious group, I now have a 80 and 40 meter inverted V-working and made My first QSO's this morning.

Thanks for the help, and I am sure more will follow.

73's

Bill
KD5GCX

S/V Rhapsody
<http://www.rhapsodysails.com/sailing.html>

Date: Sun, 12 Mar 2000 17:51:01 EST
From: Kw4cz@aol.com
To: qrp-1@lehigh.edu
Subject: [65567] FS : Morse Tutor MFJ-418
Message-ID: <9c.21722fd.25fd7955@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

FS : MFJ- 418 (with LCD) Morse Tutor with manual / instruction book.
On a scale of 1 - 10 9.9 (still has protective pull-off film
on display)
Works like a champ.... best when used with ear / head phones.
Uses 9 volt batt.

Great tool to pass 5 wpm and beyond for ones that desire to build speed.
Worked for me !!!

Price : \$55.00 and I pay shipping in lower 48
Money order please can ship day after I receive money order.

Please reply direct to my e-mail.

Thanks es 73,

Gordon kw4cz

Date: Sun, 12 Mar 2000 17:57:50 EST
From: J38AL@aol.com
To: qrp-1@lehigh.edu
Subject: [65568] NJ QRP SNAP WEB Page Problem ?
Message-ID: <db.22cb842.25fd7aee@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi,

I have been trying to access the SNAP info on the NJ QRP Club's web page but have problems with it. I can get to the main page and also the "Layout and Construction" page. (although the last one or two toroid pics don't always load) When I try to go to the schematic or photo pages all I get is a "Connection Timed Out" error. Is it me or is there a problem with the site ??

Thanks & 73, Al N2ZHS
Scotia, NY

Date: Sun, 12 Mar 2000 15:13:30 -0800 (PST)
From: Stan Yarema <bg783@scn.org>
To: "Dan W. Dooley" <dandooley@pipeline.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [65569] Re: TT2 Transistor Substitutions
Message-ID: <Pine.SUN.3.96.1000312150843.26607A-1000000@scn>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The 2N2219 will work just fine for a final. I've used one for 1/2 w PEP SSB. It's just a heavy duty 2N2222. I recommended it for the driver in the NW8020 rigs. You could probably use it as a sub for the 2N3553 at HF. Its a mystery to me why more don't get used.
72 Stan, K7SY

On Sun, 12 Mar 2000, Dan W. Dooley wrote:

> Anyone tried using 2N2219s instead of 2N2222s for the TT2?
>
> I have several in my junkbox. Don't have any 2222s. Yea, I know the 2222s
> are inexpensive, but in the spirit of using what you have....
>
> The 2219s are metal cased also, same specs (looks like) and actually rated
> to a higher power disipation in the reference source I have here.
>
>
> Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
> May Goddes love blest ye alle
> SOC#198
> "Ancient Pistol, I do partly understand your meaning."
>
>

Date: Sun, 12 Mar 2000 16:42:12 -0700
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Cc: "Dave" <k7prz@earthlink.net>
Subject: [65570] RE: MFJ Cub
Message-ID: <3.0.5.32.20000312164212.0095a810@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:
>Good question---I was about to ask the same thing.
>Also looking at the new MFJ QRP-Cub but I can't find
>the freq. range on 40 meters. Is there only a 50 khz
>spread on tuning?
>
According to the manual the 40M version has a 60kHz tuning range. Be advised that the CUB has no RIT and uses a single turn pot for tuning ...

so a 60kHz range will result in pretty touchy tuning. The specified -6dB selectivity of the IF filter for the 40M version is 750Hz. The 30M version has a 350Hz filter (lower IF frequency), but you really need the better selectivity on 40, not 30. (The 30M version has only a 20kHz tuning range; quite adequate for that band tho.)

I just got the 15M version and may put it together this afternoon. Not many parts to mount and only two toroids to wind. Most of the radio uses SMT parts which are already mounted. If you want a kit that is quick to put together, this is probably a good choice. But the DSW series of kits will probably give more "bang for the buck".

72/73, Larry W1HUE/7

Date: Sun, 12 Mar 2000 17:59:00 -0600 (CST)
From: Rohn <rohn@pubrats.com>
To: qrp-l@lehigh.edu
Subject: [65571] Re: Count me as another PSK-31 newbie!
Message-ID: <Pine.LNX.3.96.1000312175520.30246B-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got cable... still see all sorts of text popping up on my laptop... no luck with a successful QSO though.

Apologies if that has been covered before.. but.. since this PSK31 is SSB, does that mean "true and legal" QRP for this mode can go up to a hair raising 10 watts?

72's.. and meebie I'll see you typin' on my laptop soon ;-)
Rohn, N0RTX

Date: Sun, 12 Mar 2000 18:53:42 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [65572] SNAP & Atlanticon web server problems
Message-ID: <003001bf8c7e\$36770180\$f259accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Many have already discovered that the server used for a number of east coast QRP websites is having problems. Thus, the NJQRP website (including the Atlanticon info page, SNAP kit page) and many other clubs/organizations are down until Virtual OnRamp gets the problems sorted out. Please have patience, as these things happen from time to time.

72, George N2APB

End of QRP-L Digest 1758

